



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRFH9310TRPBF	Issued	09. February 2022
MA#	MA005540758		
Package	PG-TDSON-8-904	Weight*	92.70 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.815	5.19	5.19	51943	51943
leadframe	inorganic material	phosphorus	7723-14-0	0.012	0.01		124	
	non noble metal	zinc	7440-66-6	0.046	0.05		497	
	non noble metal	iron	7439-89-6	0.921	0.99		9938	
	non noble metal	copper	7440-50-8	37.407	40.35	41.40	403527	414086
wire	non noble metal	copper	7440-50-8	1.326	1.43	1.43	14300	14300
encapsulation	organic material	carbon black	1333-86-4	0.091	0.10		979	
	plastics	epoxy resin	-	4.176	4.50		45047	
	inorganic material	silicondioxide	60676-86-0	41.123	44.37	48.97	443614	489640
leadfinish	non noble metal	tin	7440-31-5	1.390	1.50	1.50	14995	14995
glue	plastics	epoxy resin	-	0.014	0.02		150	
	plastics	acrylic resin	-	0.139	0.15		1504	
	noble metal	silver	7440-22-4	1.241	1.34	1.51	13382	15036
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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